	Search Text
1	silicon with trisilane
2	(reactive near4 species) same S1
3	(reactive near4 species) and S1
4	(reactive near5 nitrogen) with (silicon near2 nitride)
5	S1 and S4
6	S4 with ((tri adj2 silane) or trisilane)
7	S4 same ((tri adj2 silane) or trisilane)
8	S4 and ((tri adj2 silane) or trisilane)
9	nitrogen with (silicon near2 nitride)
10	S9 and S1
11	S9 same S1
12	S9 with S1
13	silicon with trisilane
14	nitrogen with (silicon near2 nitride)
15	S13 and S14
16	(nitridation or nitridizing) with (ammonia or (active near3 species))
17	(nitridation or nitridizing) with (ammonia or (active near3 species))
18	S14 same S17
19	S14 and S17
20	S14 and S17
21	S14 same S17
22	S20 and S13
23	S20 and S13
24	S17 and S13
25	S17 and S13

		Search Text
26		("20020098627"|"20020168868"|"2002019 7831"|"20030022528"|"20030082300"|"426 2631"|"4277320"|"4298629"|"4363828"|"44 95218"|"4585671"|"4684542"|"4715937"|"4 834020"|"4851095"|"5227329"|"5389398"|" 5389570"|"5453858"|"5607724"|"5614257" |"5648293"|"5656531"|"5695819"|"569877 1"|"5700520"|"5786027"|"5789030"|"58375 80"|"5874129"|"5876797"|"5885869"|"5907 792"|"5916365"|"6015590"|"6027705"|"608 3810"|"6136654"|"6159828"|"6171662"|"61 97669"|"6197694"|"6200893"|"6228181"|"6 326311"|"6391803"|"6455892"|"6468924"|" 6528530"|"6537910"|"6613695"|"6638879").PN.
27		((tri adj2 silane) or trisilane) and (ammonia or "nh.sub3") and S26
28		((tri adj2 silane) or trisilane or "Si.sub.3 H.sub.8") and (ammonia or "nh.sub.3") and S26
29		S28 not S27
30		((tri adj2 silane) or trisilane or "Si.sub.3 H.sub.8") and (ammonia or "nh.sub.3")
31		S30 and (nitride or nitridation or nitriding)
32		((tri adj2 silane) or trisilane or "Si.sub.3 H.sub.8") same (ammonia or "nh.sub.3")
33		S32 and (nitride or nitridation or nitriding)
34		S32 same (nitride or nitridation or nitriding)
35		("ald" or (atomic adj2 layer))
36		(silicon near2 nitride)
37		S35 same S36
38		S35 with S36

	Search Text
39	(oxynitride or (oxy adj2 nitride)) near5 (interfacial or barrier or protect$3)
40	S38 same S39
41	S38 and S39
42	("5661092" | "5851849" | "6030460").PN.
43	("6124158").URPN.
44	S43 and S35
45	S43 and S35 and nitride
46	silicon with (purge or remove) with (nitrid$6) with (purge or remove)
47	S46 same (silicon adj2 nitride)
48	S46 with (silicon adj2 nitride)
49	("ald" or (atomic adj2 layer))
50	S48 and S49
51	S48 same S49
52	("20010000866"|"20010028924"|"2001003 4123"|"20010034132"|"20010041250"|"200 20000598"|"20020016084"|"20020031618" |"20020047151"|"20020155722"|"2003001 3320"|"20030032281"|"20030072975"|"522 6632"|"5363872"|"5374570"|"5503875"|"58 38121"|"5855681"|"5916365"|"6200893"|"6 207487"|"6270572"|"6284646"|"6287965"|" 6305314"|"6342277"|"6391785"|"6391803" |"6399491"|"6468924"|"6511539"|"653439 5").PN.
53	(cycl$4 near3 deposition)
54	((tri adj2 silane) or trisilane or "Si.sub.3 H.sub.8") and (ammonia or "nh.sub.3")
55	(oxynitride or (oxy adj2 nitride)) near5 (interfacial or barrier or protect$3)
56	("ald" or (atomic adj2 layer))
57	(S53 or S56) and S52
58	(S53 or S56) and S52

	Search Text
59	(S53 or S56) with ((silicon adj2 nitride) or "SiN.sub.$")
60	S59 and S52
61	S55 and S52
62	((cycl$4 or cyclically) near5 deposition)
63	(oxynitride or (oxy adj2 nitride)) near5 (interfacial or barrier or protect$3)
64	(silicon near2 nitride)
65	S63 same S64
66	S63 with S64
67	("ald" or (atomic adj2 layer))
68	S66 same (S62 or S67)
69	S65 same (S62 or S67)
70	(oxynitride or (oxy adj2 nitride)) with S64
71	S70 same (S62 or S67)
72	S70 with (S62 or S67)
73	(((cycl$4 or cyclically) near5 deposition) or "cld")
74	((silicon adj2 contianing near2 compound) with (plurality near3 cycles)) same trisilane
75	((silicon adj2 contianing near2 compound) with (plurality near3 cycles))
76	(silicon adj2 contianing near2 compound)
77	(silicon adj2 contianing) near4 compound
78	(silicon adj2 contianing)
79	(silicon adj2 containing)
80	((silicon adj2 containing near2 compound) with (plurality near3 cycles)) same trisilane
81	("ald" or (atomic adj2 layer))
82	((cycl$4 or cyclically) near5 deposition)

		Search Text
83		(uniform$3 near6 thickness) same ((S81 or S82) same nitride)
84		(uniform$3 near6 thickness) same ((S81 or S82) same nitride)
85		("ald" or (atomic adj2 deposit$3))
86		(uniform$3 near6 thickness) same ((S85 or S82) same nitride)
87		S86 not S83
88		S84 not S83
89		S84 not S83
90		((S81 or S82) with "cvd") same (silicon adj3 nitride)
91		S90 same uniform$3
92		((S81 or S82) same "cvd") same (silicon adj3 nitride)
93		S92 same (more near4 uniform$3)
94		S92 same ($3uniform$3)
95		S94 not S91
96		(nitridation or nitridizing) with silicon
97		nitridation near4 saturation
98		nitrid$6 near4 saturation
99		S96 and S98
100		(nitridation or nitridizing) with (silicon near3 nitride)
101		S100 and S98
102		nitrid$6 near6 (saturation near3 depth)
103		(silicon near3 nitride) with (nitridation or nitridizing)
104		(prevent stop) near6 nitride near6 substrate
105		S103 same S104
106		S103 and S104
107		(silicon near3 nitride) with ((nitridation or nitridizing) near3 (silicon near3 layer))

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108	((silicon near3 nitride) or "SiN") with ((nitridation or nitridizing) near3 (silicon near3 layer))
109	((silicon near3 nitride) or "SiN.sub.2") with ((nitridation or nitridizing) near3 (silicon near3 layer))
110	S109 same S104
111	S109 and S104
112	S109 not S106
113	S109 not S106
114	(@ad<= "20020719") and S113
115	((nitridation or nitridiz$3) near4 (silicon adj3 layer$1)) with ((prevent stop problem) near5 substrate)
116	((nitridation or nitridiz$3) near4 (silicon adj3 layer$1)) same ((prevent stop problem) near5 substrate)
117	((prevent stop problem) near5 substrate)
118	((prevent stop problem) near5 substrate near4 (nitride or nitrogen))
119	((nitridation or nitridiz$3) near4 (silicon adj3 layer$1)) and S118
120	S118 same (silicon adj3 nitride)
121	S118 with (silicon adj3 nitride)
122	(@ad<= "20020719") and S121
123	("2004/0185676").URPN.
124	nitrogen near4 interface near5 substrate
125	((nitridation or nitridiz$3) near4 (silicon adj3 layer$1))
126	S124 same S125
127	S124 and S125
128	(@ad<= "20020719") and S127